

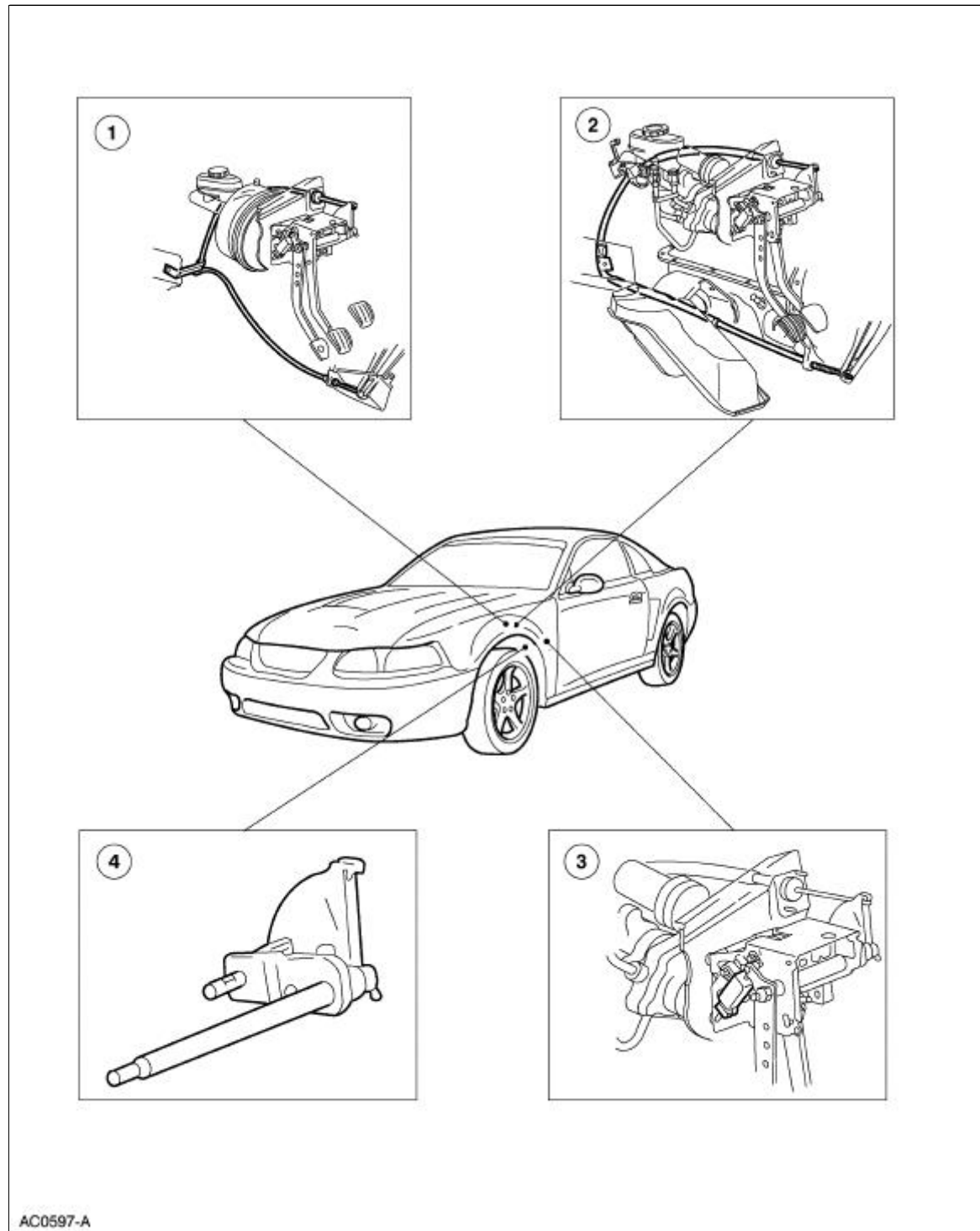
General Specifications

Item	Specification
Clutch System	
System adjustment	Self adjusting
Fluid and Lubricant	
Super Premium SAE 10W-30 XO-10W-30-BSP	WSS-M2C153-G

Torque Specifications

Description	Nm	lb-ft	lb-in
Brake booster nuts	25	18	—
Brake pedal support bracket to cowl bolt	25	18	—
Clutch pedal retaining nut	40	30	—
Clutch release lever cable bracket screw (3.8L)	10	—	89
Clutch release lever cable to bulkhead screws	4	—	35
Clutch release lever cable to crossmember retaining screw	8	—	71
Clutch release lever cable to master cylinder retaining screw (4.6L)	8	—	71
Instrument panel reinforcement screws	9	—	80
Instrument panel steering column cover screws	9	—	80

Clutch Controls



AC0597-A

Item	Part Number	Description
1	7535	Clutch release lever cable (3.8L)
2	7535	Clutch release lever cable (4.6L)
3	11A152	Clutch pedal position (CPP) switch

4	7L583	Clutch pedal quadrant and pawl assembly
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The clutch control system engages and disengages the clutch. The clutch control system disengages the clutch when the clutch pedal is depressed and engages the clutch when the clutch pedal is released. Clutch pedal motion is transmitted by the clutch release lever cable to the clutch release lever. The clutch release hub and bearing engages the clutch pressure plate diaphragm spring, releasing the pressure on the clutch disc which in turn disengages the transmission from the engine.

The clutch adjusts automatically to compensate for clutch disc wear. The clutch linkage is self-adjusting.

The clutch pedal position (CPP) switch prevents the starter motor from engaging unless the clutch pedal is depressed all the way to the floor. The switch plunger is contacted by the clutch pedal and extends as the clutch pedal is pressed. The clutch pedal position switch is electrically connected in line with the ignition switch and the starter motor relay coil. The CPP also turns off the speed control when the clutch pedal is depressed.

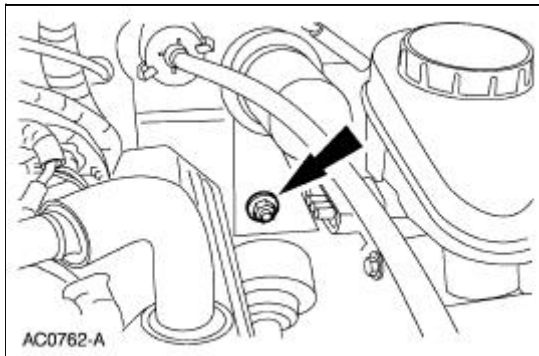
Clutch Controls

Refer to [Section 308-00](#) .

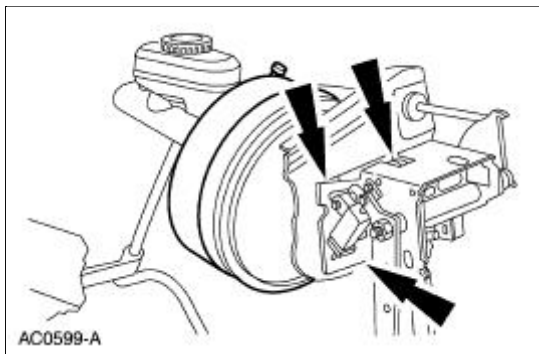
Clutch Pedal —Quadrant and Pawl Assembly

Removal

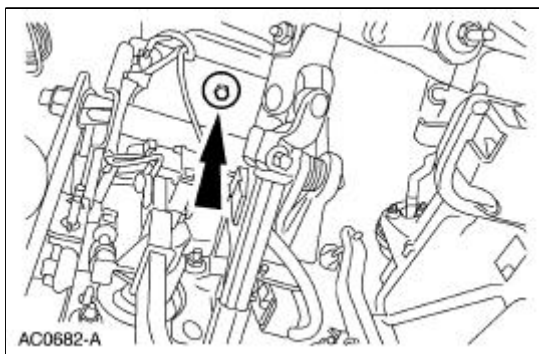
1. Disconnect the battery ground cable (14301). For additional information, refer to [Section 414-01](#).
2. Loosen the nut from inside the engine compartment.



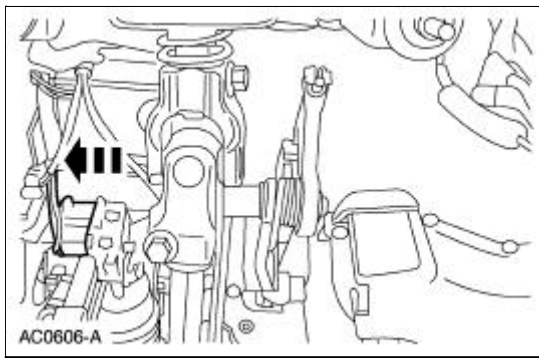
3. Loosen the nuts from inside the vehicle.



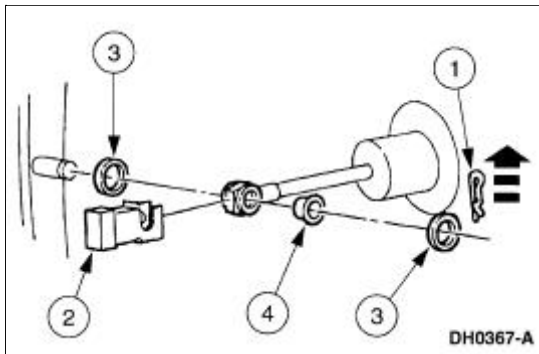
4. Loosen the screw.



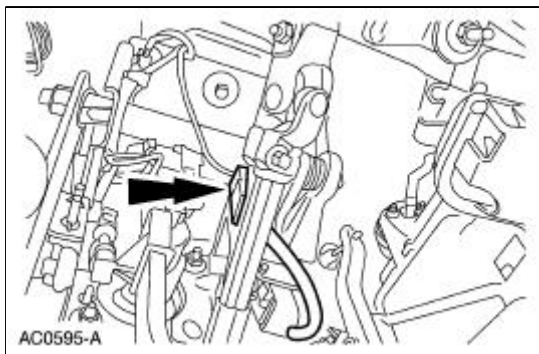
5. Disconnect the brake pedal position (BPP) switch electrical connector.



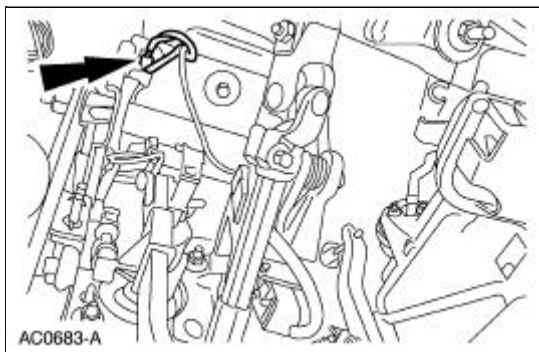
6. Disconnect the brake pedal-to-power brake booster push rod.
 1. Remove the self-locking pin.
 2. Remove the BPP switch from the brake master cylinder push rod.
 3. Remove the brake master cylinder push rod spacers (2B129).
 4. Remove the brake master cylinder push rod bushing (2474).



7. Disconnect the clutch pedal position (CPP) switch electrical connector.



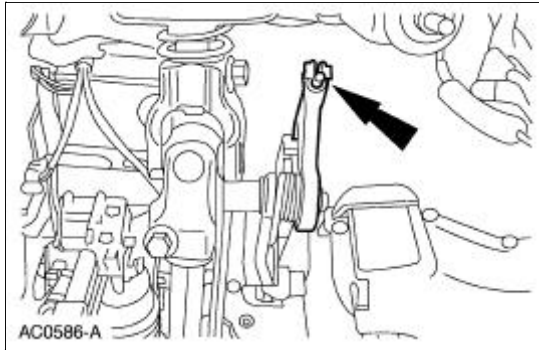
8. Disconnect the deactivation switch connector from the wiring harness.



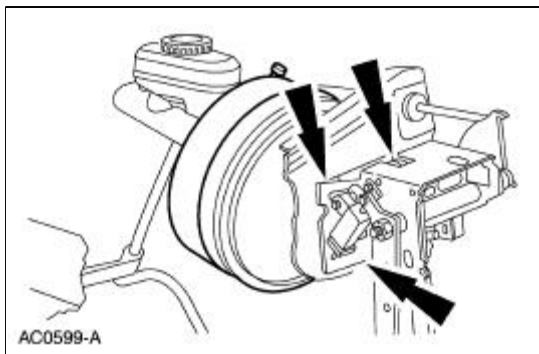
9.  **WARNING:** Do not allow the quadrant to snap rearward. Failure to follow this instruction may result in personal injury.

NOTE: Lift the clutch pedal all the way up to release the clutch release lever cable (7K553).

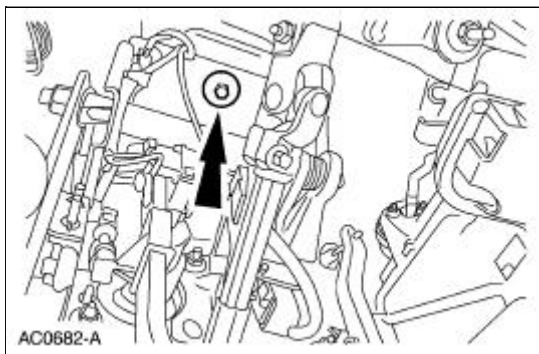
Rotate the clutch pedal adjuster quadrant (7L583) and unhook the clutch release lever cable (7K553).



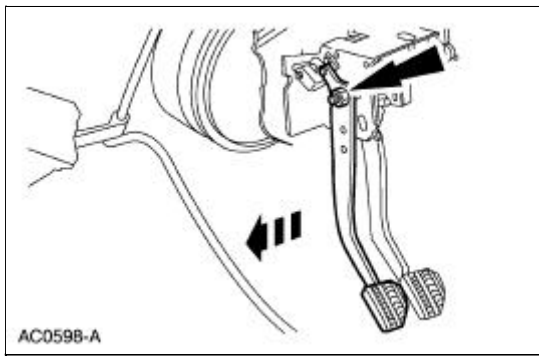
10. Remove the nuts.



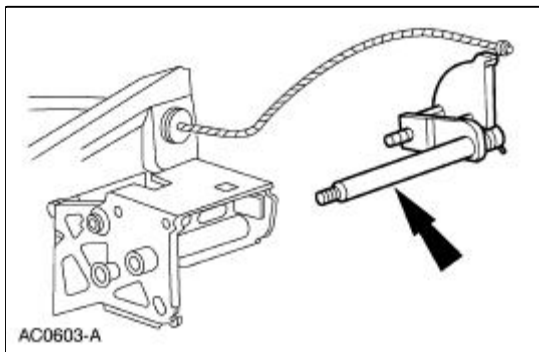
11. Remove the screw.



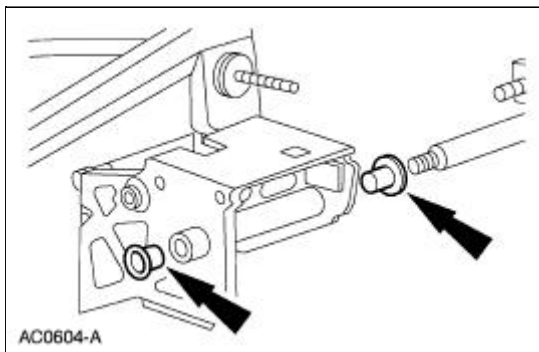
12. Remove the nut and the clutch pedal (7519).



13. Remove the self-adjusting mechanism.



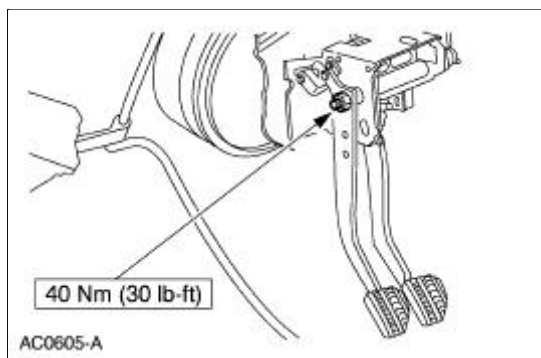
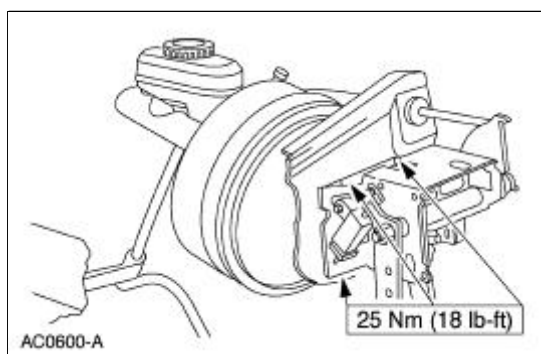
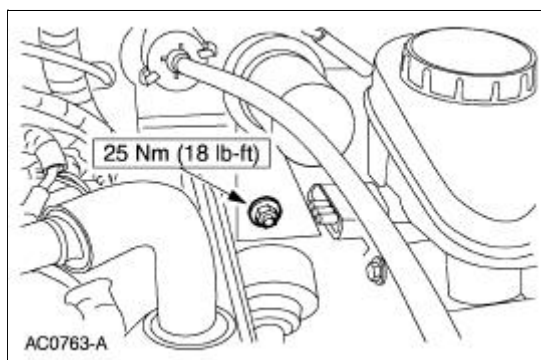
14. Remove the self-adjusting mechanism shaft bushings.



Installation

1. **NOTE:** Before the installation of the clutch pedal shaft or clutch pedal, remove and inspect the brake and clutch pedal bushings. Clean and lubricate with a light film of engine oil meeting Ford specification WSS-M2C153-G and replace the brake and clutch pedal bushing if excessive wear is evident.

To install, reverse the removal procedure.



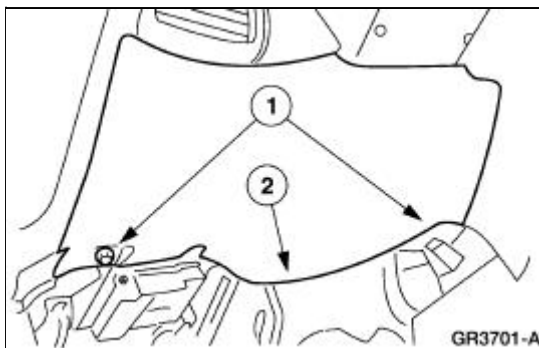
Release Cable —Clutch

Removal

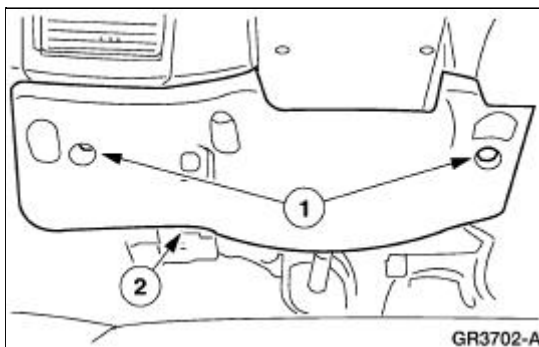


CAUTION: Whenever the clutch release lever cable (7K553) is disconnected for any reason, such as transmission removal, clutch pedal components or clutch release lever cable replacement, it is imperative the correct method for installing the clutch release lever cable be followed. Incorrect installation may damage components or cause system failure.

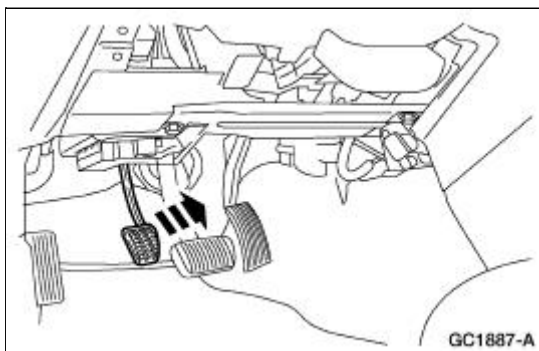
1. Remove the instrument panel steering column cover.
 1. Remove the screws.
 2. Remove the instrument panel steering column cover.



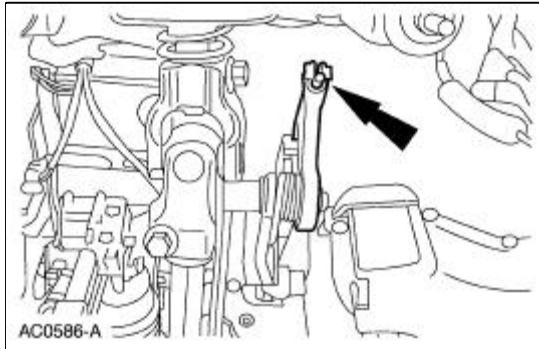
2. Remove the instrument panel reinforcement.
 1. Remove the screws.
 2. Remove the instrument panel reinforcement.



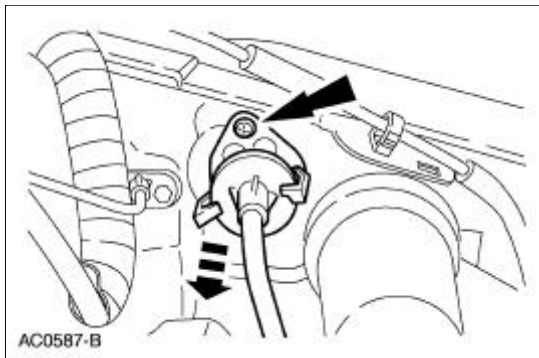
3. Lift the clutch pedal (7519) to its most upward position.



4. Remove the front seat. For additional information, refer to [Section 501-10](#).
5. Unhook the clutch release lever cable (7K553) from the clutch pedal adjuster quadrant (7L583).

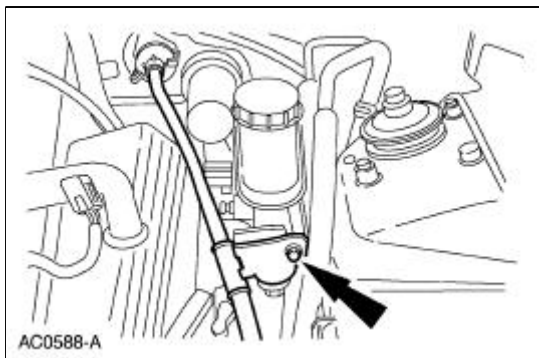


6. Open the hood, remove the screws and the clutch release cable (7K553).

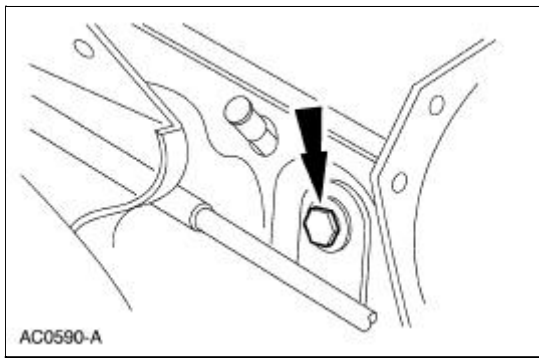


7. **NOTE:** On 4.6L vehicles only

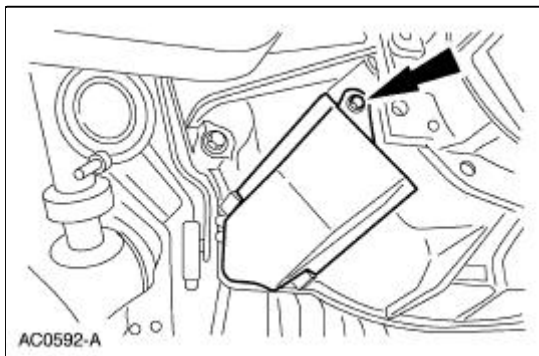
Remove the bolt and the clutch release lever cable bracket from the brake master cylinder (2140).



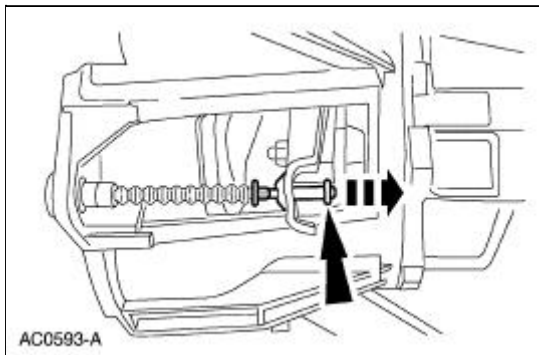
8. Raise the vehicle. For additional information, refer to [Section 100-02](#).
9. Remove the screw from the clutch release lever cable clamp.



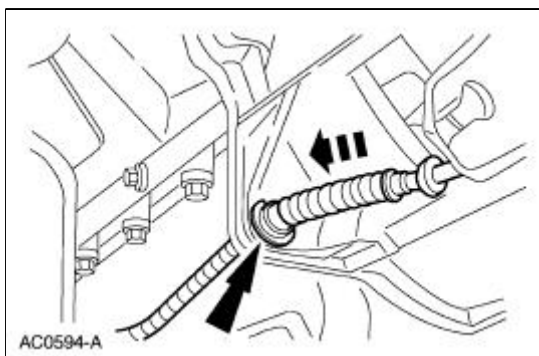
10. Remove the screw and the dust shield.



11. Pull the clutch release lever cable (7K553) and remove from the clutch release lever (7515).



12. Remove the C-clip from the clutch release lever cable and remove the clutch release lever cable from the vehicle.



Installation

1. To install, reverse the removal procedure.

